

FIGURE 1

A

mutant siRNA p9
 5'-UGGAGACUUGCGCAAUGUGdTdT-3'
 3'-dTdTACCUCUGAACCGGUUACAC-5'

p10
 5'-GGAGACUUGCGCAAUGUGdTdT-3'
 3'-dTdTCCUCUGAACCGGUUACACU-5'

p11
 5'-GAGACUUGCGCAAUGUGdTdT-3'
 3'-dTdTCCUCUGAACCGGUUACACUG-5'

sod1 wild type 5'-...GAGAGGCAUGUUGGAGACUUGGGCAAUGUGACUGCUGACAAAGAUGGU...-3'
sod1 mutant 5'-...GAGAGGCAUGUUGGAGACUUGCGCAAUGUGACUGCUGACAAAGAUGGU...-3'

wild-type siRNA p11
 5'-GAGACUUGCGCAAUGUGdTdT-3'
 3'-dTdTCCUCUGAACCGGUUACACUG-5'

p10
 5'-GGAGACUUGCGCAAUGUGdTdT-3'
 3'-dTdTCCUCUGAACCGGUUACACU-5'

p9
 5'-UGGAGACUUGCGCAAUGUGdTdT-3'
 3'-dTdTACCUCUGAACCGGUUACAC-5'

B

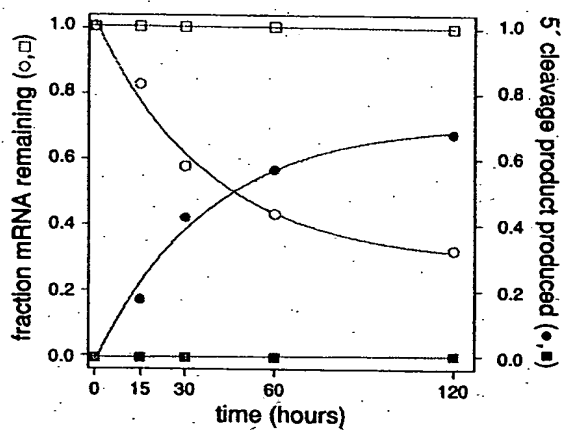


FIGURE 2

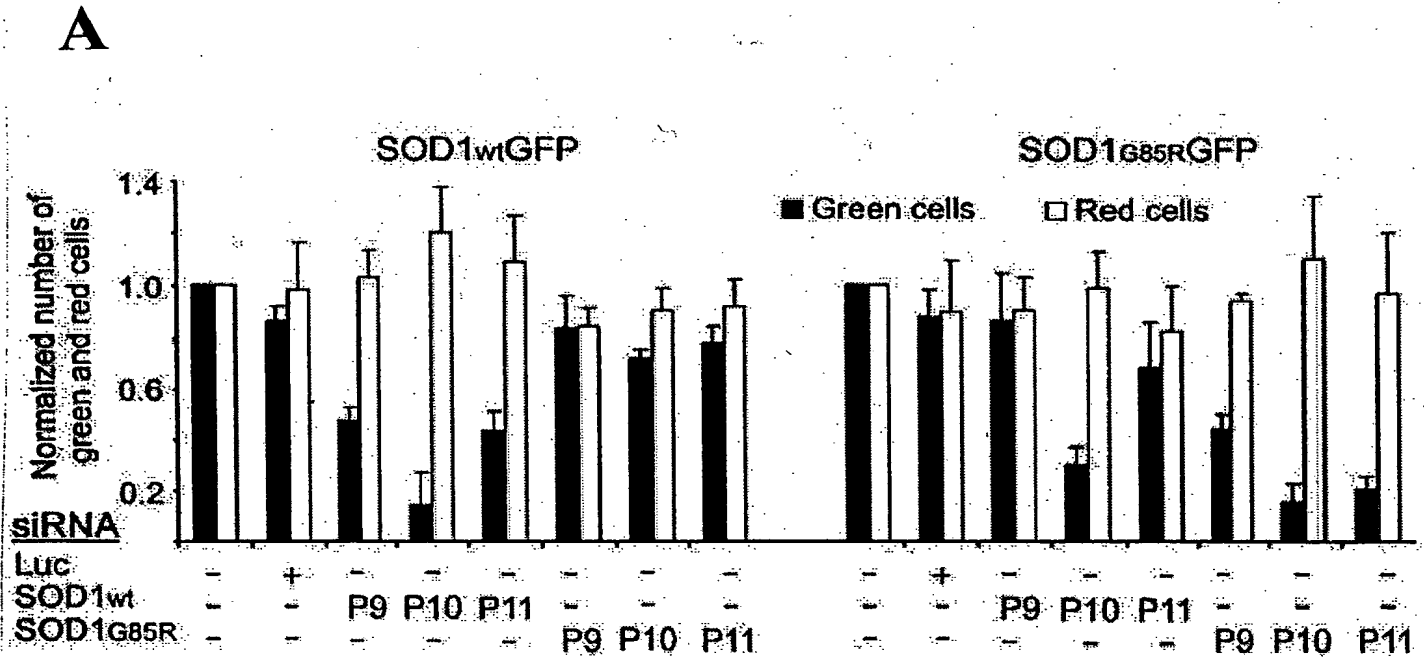


FIGURE 3

A

Wild type SOD1
 5'...ACTGCTGACAAAGATGGTGTGGCCGATGTGTCTAT...-3'
 G93A shRNA GACAAAGAUGCUGUGGCCGA^{AA}G
 UUUUCUGUUUCUACGACACCGGCUA^{UUC}

B

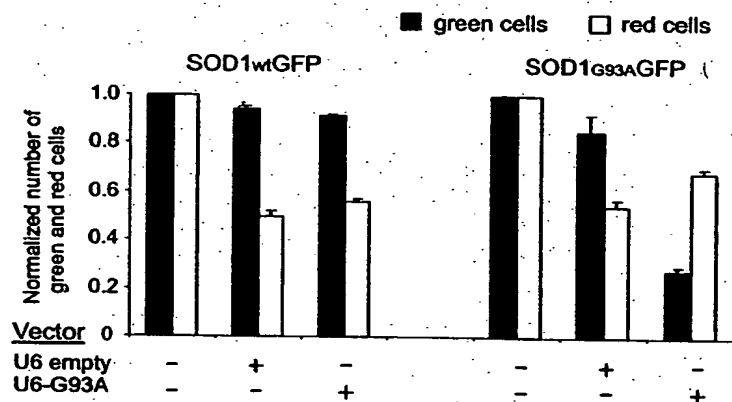
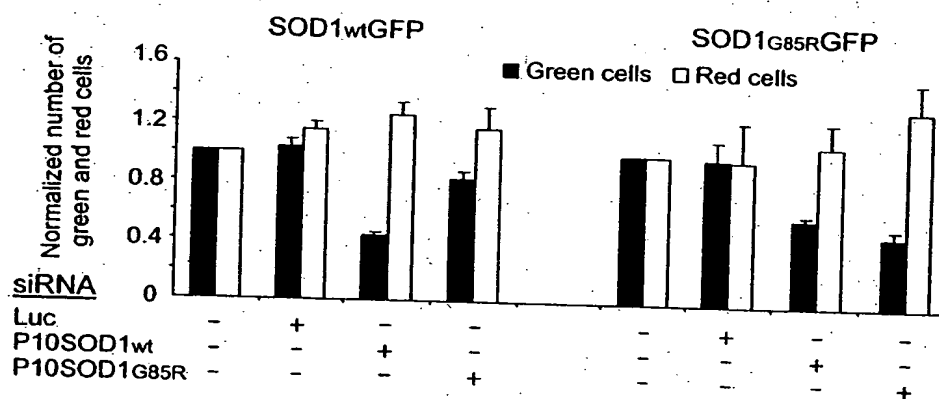


FIGURE 4

A



B

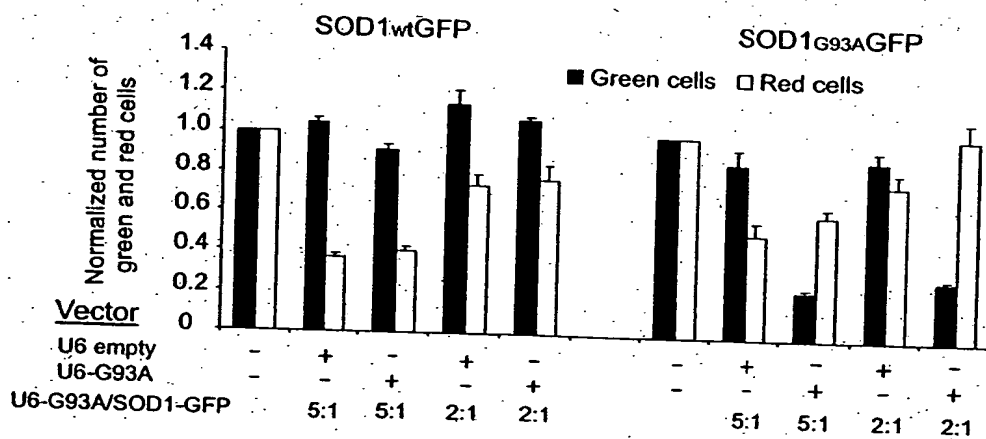


FIGURE 5

A

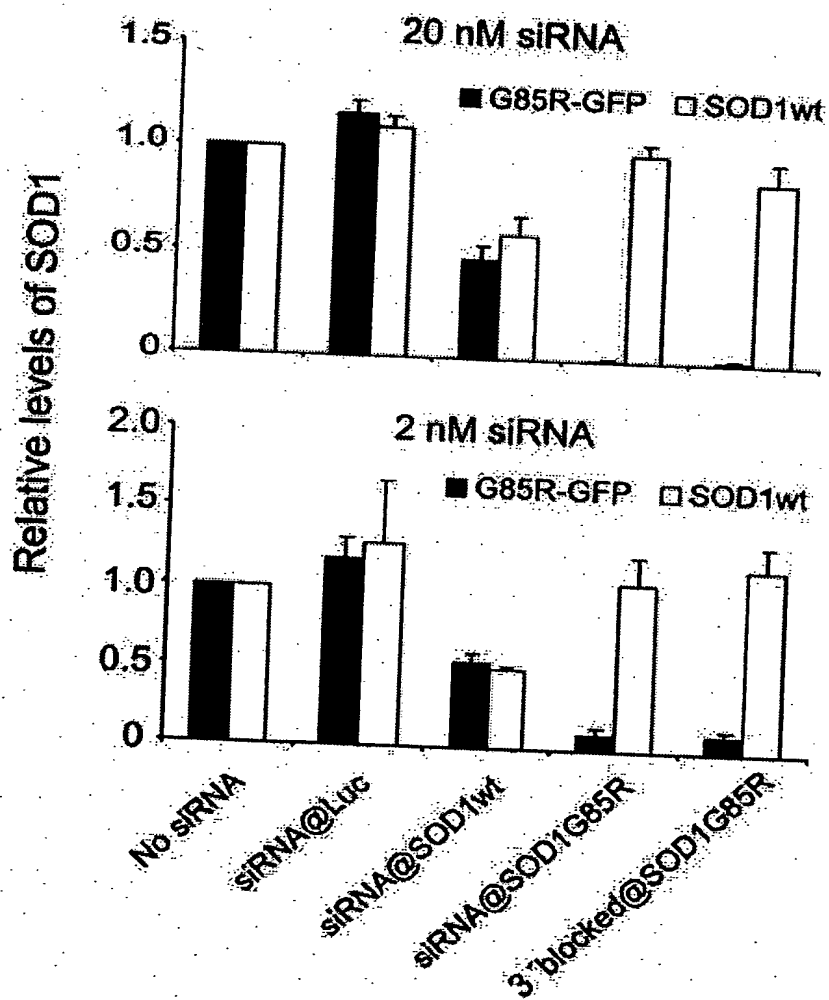


FIGURE 6

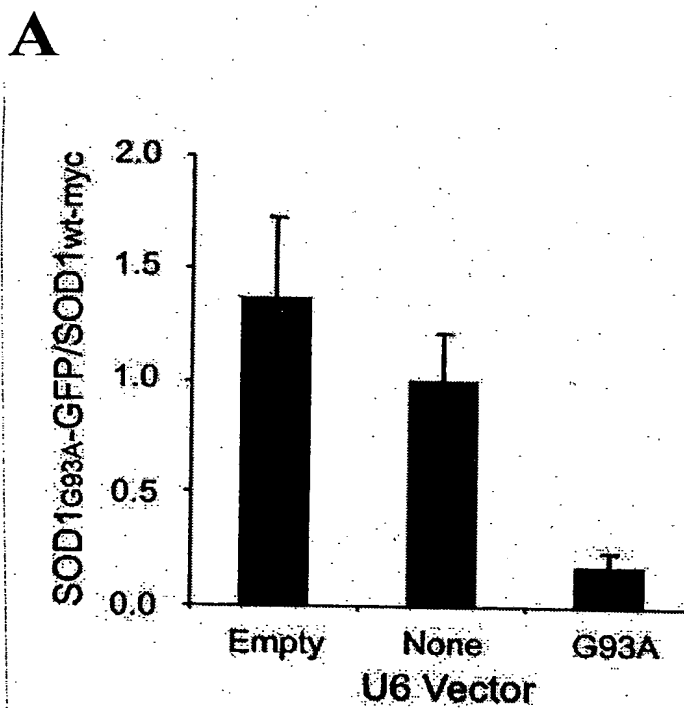


FIGURE 7

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hekaddlgkg gneestktgn agsrlacgvi giaq

FIGURE 8

gcgacgaagg ccgtgtgcgt gctgaagggc gacggcccag tgcagggcat catcaattc gagcagaagg
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FIGURE 9

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